June-19-13 8:49:19 AM Item ID: D2161-212 Accept *N900040100* Setup Start Revision ID: Item Name: Mirror Bracket,212 Start Date: 6/19/13 Start Qtv: 4.00 Cust Item ID: Required Date: 7/03/13 Reg'd Oty: 4.00 **Customer:** Reference: Run MC 5____ Date: 13-06-19 Tooling: Approvals: Process Plan: Date: Stop OC: Date: Date: SPC (Y/N): Operation Sequence ID/ Set Up/ Tool ID Tool # Plan Accept Reject Reject Insp. Work Center ID Description Qty **Run Hours** Code **Qty** Number Stamp **Draw Nbr Revision Nbr** D2161 Rev B2 100 Weld per dwg A/R S.S. rod Batch: M/22357 0.00 (9) Q 13-8-26 Large Fab *100* Large Fab 0.00 Memo Large Fab 1-Assemble on Jig DT8065 as per Dwg D2161 2-Weld as per Dwg D2161 Identify as D2161-212 110 QC9- Inspect visual per OSI004- Fusion Welds 0.00 *110* <u>(1) १-०५</u> १ QC 0.00 Memo Quality Control -91 × 120 QC5- Inspect part completeness to step on W/O 0.00 *120* QC 0.00 Memo **Quality Control**

DQA:	WORK ORDER NON-CONFORMANCE / UPDATE										TDART			
QA Closed:		Date:			Work Order update only									
Work Orde	ar:				DISPOSITION				PROCESS					
Part No				Rework Scrap Use-as-is Suspected Unapproved	Scrap Use-as-is The		Skid-tube Crosstube Machining Small Fab moforming Finishing Large Fab Composite		Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier		Engineering Quality Other			
770171					saspected onapproved	J				J	очррпст	J		
Root Cause	Date	Step	Qty	Desc	ription of work order update or non-conformance	ı	nitial iief Eng	Action Descript		Sign & : Date	Verification	QC Inspector		
Design Doc/Data Equip/Tooling Handling/Pre Material Operator Offset/Setup Process Supplier Training Transport								••						
. 0.						FAI	ULT CAT	regory						
Landir	Bending Centre N Cracks Crimp/Ki Cuffs Crushing Heat Trea Inspectio Marks/Cl	nk/Ripple at in Strip in natter	:/Wave Tube		General Bend BOM/Route Broken/Damage/Defect Burrs Contamination Countersink Cut Too Short Drawing Drill Holes Finish		Grain Hardwa Inspect Instruct Misalig Mislabe Misread Off-set	ion Incomplete/Unqui ions Incomplete/Uncl gned/off center eled	<u> </u>	Outside Dimensions Over/Under tolerance Part Incorrect Part Lost/Missing Part Moved Positioned Wrong Power Loss/Surge Pressure/Forced Set-up Temperature/Cure Weld Wrong Stock Pulled Other				
	Wave/Twist in Tube				Fit/Function	L	Out of S	Sequence						

Work Order ID 103204

June-19-13 8:49:19 AM

Packaging

ftem ID: Revision ID:	D2161-212			Accept	*N900040	100*	Setup Sta	ו ריעו
Item Name:	Mirror Bracke	21.212					Sto	*NS2*
Start Date: Required Date Reference:	6/19/13 e: 7/03/13	Start Qty: 4.00 Req'd Qty: 4.00	*4* *4*		Cust Item ID: Customer:			
Approvals:	Process Pla	nn:	Date:	Tooling: SPC (Y/N):	Date:		Run Sta	"NR1"
Sequence ID/ Work Center	ID	Operation Description Black Sandtex(Ref: 4.3.5.	7) per OSI005 4 3	Set Up/ Run Hours	Tool ID Tool #	Plan Acce Code Qty	pt Reject Qty	Reject Insp. Number Stamp
130 Powdercoat Powder Coating		Memo START TIMI	10 ~	15 0.00 OVEN TEMPERATURE	5	4x,	& M	13/08/
W(173)	5G	32000	FINISH TIME:	10:45		ŕ		:
*140 *140*		QC3- Inspect Part Finish		0.00		11	4 "	3-8-30 BL
QC Quality Control		Memo		0.00		~/	Ψ. Γί	3-8-50.M
								İ
150		Identify as per dwg & Sto	ck Location	(0.00	•	. /		\sim
150 Packaging		Memo		0.00		_4)		<u> </u>

103204

DQA:	WORK ORDER NON-CONFORMANCE / UPDATE										*DART			
QA Closed:		Date:			WORK ORDER NON-	AEROSPACE								
	::-				DISPOSITION AGAINST D						EPARTMENT/PROCESS			
Work Orde	er:							Skid-tube	- I		1))	1 <i>-</i>	
					l ——	Rework			Crosstube		D	Water Jet	Engineering	
Part N	۱۰				Scrap		ì	Machining	Small Fab			d. Eng. Coor. re/Packaging	Quality Other	
NCD A	ula.				Use-as-is Suspected Unapproved		Inern	noforming Large Fab	Finishing		Rec/Stol	Supplier		
NCR N	NO			 -	Suspected Onapproved	1	Large Fab Composite					Jupplier		
Root				Desc	ription of work order update		nitial	Ac	tion		Sign &			
Cause	Date	Step	Qty		or non-conformance	Ch	ief Eng	Desc	ription		Date	Verification	QC Inspector	
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Doc/Data]								
Equip/Tooling						1								
Handling/Pre						l								
Material														
Operator												ļ		
Offset/Setup											·			
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Supplier												1		
Training														
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Unapproved				<u> </u>								<u></u>		
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Landi	ng Gear			_	General		1		1		1	. –	7	
	Bendir	_		<u> </u>	Bend	_	1	'rogram		<u> </u>	Outside Dim		Pressure/Forced	
	$\vdash \vdash$	Not Conce	ntric		BOM/Route	<u> </u> -	Grain			<u> </u>	Over/Under	<u> </u>	Set-up	
	Cracks				Broken/Damage/Defect	<u> </u>	Hardwa			<u> </u>	Part Incorre	<u> </u>	Temperature/Cure	
	Crimp/Kink/Ripple/Wave				Burrs	⊨	4 '	ion Incomplete/U	-	<u> </u>	Part Lost/Mi	issing	Weld	
	Cuffs				Contamination	-	4	ions incomplete/	Unclear		Part Moved	L	Wrong Stock Pulled	
	Crushi	-		\vdash	Countersink	-	1	ned/off center		-	Positioned V		Joshan	
	Heat T		- 1	\vdash	Cut Too Short	\vdash	Mislabe			Ш	Power Loss/	Surge	Other	
	\blacksquare	tion Strip in	Tube	 	Drawing	<u> </u>	Misread	1				_		
	${f oxed{H}}$	/Chatter		-	Drill Holes	\vdash	Off-set	~ 11				 		
	-	g Sequence		<u> </u>	Finish	-	-	Calibration						
		Twist in Tul	be		Fit/Function	L	Out of S	equence						

Quality Control

June-19-13 8:49:19 AM Item ID: D2161-212 Accept *N900040100* Setup Start Revision ID: Item Name: Mirror Bracket.212 6/19/13 Start Date: Start Qty: 4.00 Cust Item 1D: Required Date: 7/03/13 Req'd Qty: 4.00 **Customer:** Reference: Start Run Approvals: **Process Plan:** Date: Tooling: Date: Stop QC: Date: SPC (Y/N): Date: Sequence 1D/ Operation Tool ID Set Up/ Tool# Pian Reject Reject Accept Insp. Work Center ID Description Code **Run Hours** Qty Qty Number Stamp 160 QC21- Final Inspection - Work Order Release 0.00 *160* OC 0.00 Memo

MW 13-08.30

DQA:			. Date:												
QA Closed:			Date:			WORK ORDER NON-	AEROSPACE								
QA Ciosea:			Date.			Work Order update only									
Work Orde	er:					DISPOSITION				AGAINST	DE	DEPARTMENT/PROCESS			
					_	Rework			Skid-tube	Crosstube			Water Jet		Engineering
Part N	No					Scrap			Machining	Small Fab		Pro	d. Eng. Coor.		Quality
						Use-as-is		Therr	noforming	Finishing		Rec/Stor	e/Packaging	╛	Other
NCR No.				Suspected Unapproved			Large Fab	Composite			Supplier	لــ			
Root				<u> </u>	Desc	ription of work order update		Initial	Act	tion	_	Sign &		Т	• •
Cause		Date	Step	Qty		or non-conformance	Ch	nief Eng	Desci	ription		Date	Verification	- 1	QC Inspector
Design														Ī	 -
Doc/Data			•			:					1				
Equip/Tooling	Ш													ı	
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Training														ŀ	
Transport															
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							FA	ULT CA	TEGORY						
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	E	Bending				Bend		Folio/F	Program	Į		Outside Dim	ensions		Pressure/Forced
		Centre No	ot Concer	ntric		BOM/Route		Grain				Over/Under	tolerance		Set-up
		Cracks				Broken/Damage/Defect] Hardwa	ire			Part Incorrec	et [Temperature/Cure
		Crimp/Kir	nk/Ripple	/Wave		Burrs		Inspect	ion Incomplete/Ui	nqualified		Part Lost/Mi	ssing	7	Weld
		Cuffs				Contamination		Instruct	tions Incomplete/l	Unclear		Part Moved			Wrong Stock Pulled
	Crushing					Countersink		Misalig	ned/off center			Positioned V	Vrong		
		Heat Trea	it			Cut Too Short		Mislabe	eled	ļ		Power Loss/	Surge	\neg	Other
	I	nspectio	n Strip in	Tube		Drawing		Misread	d	•			_	_	
	\prod r	Marks/Ch	natter			Drill Holes		Off-set			-				
	[] ₁	Turning S	equence			Finish		Out of	Calibration		•		-		
	\Box	Wave/Tw	ist in Tub	e		Fit/Function		Out of Sequence							

Picklist Print

June-19-13 8:49:23 AM

Work Order ID: 103204

D2161-212

Parent Item Name: Mirror Bracket.212

103204

D2161-212

Start Date: 6/19/13

Required Date: 7/03/13

Start Qty: 4.00

Required Qty: 4.00

Comments:

Parent Item:

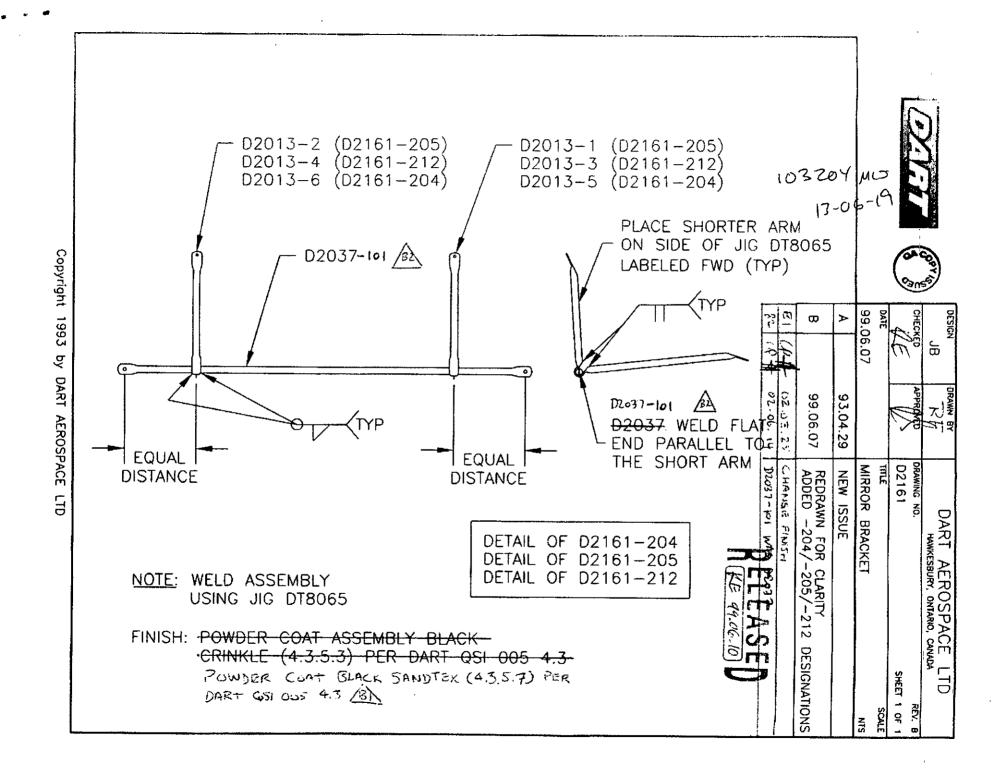
IPP D02.04.15Added dwg Rev.B1 and finishNG

Component Item ID/ Item Name	Replacement Item ID	Purch		Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date St Issued	atus
D2013-3		Manufactured	No			100	Each	0.0000	1	4		ţ. 	
D2013-3 Mirror Bracket LH, 212	•		./	103201	× 4				**	A	-/3	-8-23	
D2013-4		Manufactured	No			100	Each	0.0000	1	4			
D2013-4 Mirror Bracket RH, 212	•		/	032021	c #				**	e e	/3	- <u>8-2</u> 3	
D2037-101		Manufactured	No			100	Each	1.0000	1	4			
D2037-10)1								**		£13	·8 <u>·2</u> 3	

Location Loc Code Loc Qty WA001 99707

103203 × 4.

DQA:	Date:									[™] ⊃∧PT							
						WORK ORDER NON-CONFORMANCE / UPDATE											
QA Closed:			Date:							W	ork Order up	odate only					
Work Orde	sr.					DISPOSITION		AGAINST DEPARTMENT/PROCESS									
Work Order.						Rework	1		Skid-tube	Crosstube	7	Water Jet	Engineering				
Part N	lo.					Scrap			Machining	Small Fab	Pro	d. Eng. Coor.	Quality				
					_	Use-as-is			noforming	Finishing	-	re/Packaging	Other				
NCR No.						Suspected Unapproved			тЩ	Composite							
Root			<u> </u>		Desc	ription of work order update		nitial	Actio	on	Sign &						
Cause		Date	Step	Qty		or non-conformance	Ch	ief Eng	Descrip	otion	Date	Verification	QC Inspector				
Design												-					
Doc/Data										-	1						
Equip/Tooling																	
Handling/Pre																	
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Unapproved				<u> </u>			<u> </u>				<u> </u>		<u></u> .				
							FAI	ULT CA	TEGORY								
Landi	_					General		1			7		¬				
		ending			\vdash	Bend			Program	<u> </u>	Outside Dim	<u> </u>	Pressure/Forced				
ı	_		t Concer	זנרוכ		BOM/Route	\vdash	Grain		<u> </u>	Over/Under	<u> </u>	Set-up				
	⊢	acks	L/D:1-	hateria	-	Broken/Damage/Defect		Hardwa			Part Incorred	├ -	Temperature/Cure				
	_		k/Ripple	/wave	\vdash	Burrs	┝		ion Incomplete/Unq		Part Lost/Mi	· · ·	Weid				
	Cuffs				\vdash	Countarink	-	1	tions Incomplete/Un	clear	Part Moved		Wrong Stock Pulled				
	_	ushing eat Treat	•		<u> </u>	Countersink Cut Too Short	\vdash	Mislabe	gned/off center	\vdash	Positioned W Power Loss/S		Other				
	_		ı Strip in	Tubo	-	Drawing	\vdash	Misread		L	Trower coss/:	ourge [Other				
	_	arks/Ch		Tube	\vdash	Drill Holes		Off-set									
	_		equence		 	Finish	H	ł	Calibration		•						
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Wave/Twist in Tube						1	<u> </u>	1									



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